

TR REQUEST CHECK

BR70-0533

Aviation Technical Handbook

Aleksandrov, V. G.; Mayerov, A. V.;

Pashestyn, A. M.

Russ book: Aviatsonnyy Tekhnicheskly

Spravochnik, Moscow, Ird-Vo Transport

1966, pp 1-405

*See previous as MT-24-126-70**Changed from HC-23-245-70**To MT-24-126-70*

Field Emission, by M. I. Talinova, G. P. Vasil'yev,
218 pp. (10 2133456)

Summary. 12. Avtshektronnaya Reissiya,

ACHI E-4806

Sci - Electron

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The Tendency of Manganese Ship-Building
Steel to Crack During Welding, by S.
Ginsburg, Z. B. Dreizenhtok.

RUSSIAN, per, Avto Delo, Vol XI, No 8,
1940, USSR.

B.S.A. Res Group
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Sci - Engineering, ~~Minneapolis, Minnesota~~

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**Preventing Explosions in Liquid-Air-Fractionating
Apparatus, by P. E. Bube, I. F. Zalkin.**

RUSSIAN, per, Aviation No 1, 1941.

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PHOTOV, L.

Avtogennoe Delo, vol. 12, 850 words; 1941.

Welding Chromium-nickel Stainless to Plain
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A Method of Determining the Tendency of
Steel to Crack on Welding, by Ya. S.
Gintsburg, Z. B. Dreizenashok, E. B.
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The Weldability of Special Steels, by A. M.
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SECHIZAN'IKO, A.

Avtogemnoe Delo, vol. 8, nos. 11-12, 2 figures,
3 tables, 1800 words; 1946.

An Experiment in Arc Welding with Paired
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Brutcher Trans, Order No. 2085, \$3.15

HANIN, B. H.
HEHOTAN, B. I.

**Avtegumee Solo, vol. 17, 1946, No. 1, pp. 11-12;
1 table, 1400 words.**

**Influence of Partial Size of Flux upon Dimensions
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Butcher Trans, Order No. 1876, § 2.45.

TAMM, V.D.

AVANCEMENT DELO, vol 17, No 2, 1946

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Brutcher Trans 1874, \$2.65

TARAN, V. D.

Avtogennoe Delo, vol. 17, nos. 3-4, 9 figures,
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Electric Welding with Series-fed Arcs.

Brutcher Trans, Order No. 1905, \$3.30

**RANKIN, S. E.
MOSKOW, S. I.**

**Avtegnanoe Selo, vol. 17, 1966, Nos. 5-6,
pp. 9-10; 1 figure, 2 tables, 1000 words.**

On the Stabilizing Properties of Welding Fluxes.

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SLUTSKAYA, T. M.

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Welding of Low Carbon Steel in Frosty
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Internal Energy of Crystal Lattice of
Oxides in Coating.

Brutcher Trans, Order No. 1996, \$2.65

Reactions of Silicon and Manganese in Submerged
Arc Welding of Low-Carbon Steel, by K. V. Lyubav-
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RUSSIAN, par, Avtozvarnoe Delo, Vol XVIII, No 7,
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\$12.75

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Facing of Steel with Bronze by Use of the Electric
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6 pp UNCLASSIFIED

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p 28,

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On Welding in Wintry Weather.

Brutcher Trans., Order No. 2287, \$7.70.

Electrode Coatings for the Welding of Low Alloy
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Radiographic Study of Arc Sams in Submerged
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Automatic Arc Welding of Structures of Low Carbon
Steel at Subnormal Temperatures, by B. I. Medovar,
A. N. Asnis.

RUSSIAN, per, Avia Dala, Vol XVIII, No 12, 1947.

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(a) Result of the Conference on Welding Operations in
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author: G. A. Maslov

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Coatings of Steel Electrodes for the Welding of Cast
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V. P. Nikitin, Scientist and Patriot, by O. A.
Mshlov, 5 pp.

RUSSIAN, no par., Avtozoo Dala, No 3, Moscow, May 1948,
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Some Cases of Failure of Welded Tanks at Low Temperature

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Quality Comparison Between Pressure
Welded Pipe and Arc Welded Pipe
S.M. Skradziewski

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Interaction of Elements and Their Oxides in the
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Some Problems of Metallurgy in Connection
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LAPITSKAYA, E. M.

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4 tables, 1650 words; 1949 *pp 7-9*

Automatic Arc Welding of 18-8 Ti Stainless
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Brutcher Trans, Order No. 2337, \$2.50

**Flux Backings in the Submerged Arc Welding of Vessels,
by I. N. Gerasimov**

**RUSSIAN, per, Auto Weld, Vol XX, 1969, No 5,
pp 16-17.**

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Price \$2.50

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pp. 1-4; 8 figures, 5 tables, 2100 words.**

Multiple Arc Welding.

Brutcher Trans, Order No. 2459, \$3.65

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How an American Firm Appropriated a
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A. A. Vel'min

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**BERZANTSEVICH, V. P.
ELCH, I. A.**

**Aviatsionnoe Stelo, vol. 20, 1949, No. 9, pp. 3-6,
9 figures, 1 table, 2100 words.**

**Submerged Automatic Welding at High Current
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Induction Heat Treatment of Welded Joints of Carbon
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"Electro Arc Welding of
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Proj 8088

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Welding Steel 18-8 with Mo.
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" Method for Repair of Disk Milling
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Price \$3.65

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The Effect of Chemical Composition of
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THE EFFECT OF OXYGEN PURITY ON THE
PLASMA GROOVING PROCESS. [1962] [18] p. 2 refs.
Order from ODS or SLA \$1.60 62-20161

Trans. of Avtoenergizatsiya (USSR) 1951, v. 22
[no. 10] p. 13-16.

DESCRIPTORS: *Oxygen, Impurities, *Cutting
torches, Effectiveness, Experimental data.

Oxygen purity has a substantial effect on the oxygen
groove cutting process. Oxygen groove cutting on
ordinary low carbon steel is impossible when the
oxygen purity is less than 95%. For each grade of
oxygen purity, there is an optimum cutting speed
which corresponds to maximum cutting efficiency and
minimum specific oxygen consumption. When, in the
purity range of 99.5% to 97.0%, the oxygen purity is
(Machinery--Manufacturing, TT, v. 9, no. 11) (over)

62-20161

I. Ninburg, A. K.

Office of Technical Services